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539.2	Structure of solids	72	157	253	345	441	521	608	678	749	814	862	905
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77	Photography	94	173	—	358	457	534	—	687	762	822	868	912

ERRATA

Abstr. 1050 (1953) line 2 : for "686" read "680".
Abstr. 1097 (1953) line 2 : for "679" read "682".
Abstr. 1121 (1953) line 3 : for "682" read "684".
Abstr. 1135 (1953) line 2 : for "677" read "686".

Abstr. 9350 (1955). This equation should read: " $\int_C \vec{A}\times d\vec{r} = \iint_S \{\vec{n}(\nabla.\vec{A}) - (\vec{n}.\vec{\nabla})A - \vec{n}\times(\vec{\nabla}\times\vec{A})\}dS.$"

Author Index (1955) p. 1408, column 2 : Matthews,P.T.; transfer entry "Propagators of quantized field, 7682" to be under "Matthews,P.T. and Salam,
(1955) p. 1439, column 2 : Salam,A.; insert "7682" after "Matthews,P.T., 716, 3140".

June, 1956, p. 473 : abstract numbered 4058 should be "4358".
Author Index (1956) p. 1048, column 1 : Fan,H.Y.; add entry "Valence semi-conductors, germanium and silicon, 6038".
(1956) p. 1058, column 2 : under Grümm,H. for "2770" read "3770".
(1956) p. 1060, column 1 : insert "Ham,F.S. The quantum defect method, 6038".
(1956) p. 1066, column 1 : Hornig,D.F.; for "See also Anderson,W.H." read "See also Andersen,W.H." and delete entry "See also [Wray,K.L., 7574"
(1956) p. 1091, column 2 : for "Mentner,J.W." read "Menter,J.W."
(1956) p. 1096, column 2 : insert "Muto,T. and Takagi,Y. The theory of order—disorder transitions in metals, 6038".
(1956) p. 1105, column 2 : insert "Pines,D. Electron interaction in metals, 6038".
(1956) p. 1109, column 2 : insert "Reitz,J.R. Methods of one-electron theory of solids, 6038".
(1956) p. 1117, column 2 : insert "Seitz,F. See Wigner,E.P., 6038".
(1956) p. 1126, column 2 : Takagi,Y.; add "Muto,T., 6038".
(1956) p. 1138, column 1 : insert "Wigner,E.P. and Seitz,F. Qualitative analysis of the cohesion in metals, 6038".
(1956) p. 1140, column 1 : delete entry "Wray,K.L. and Hornig,D.F. Dissociation energy of fluorine, 7574".
Subject Index (1956) p. 1212, column 2 : under "Molecules, dissociation energies", entry "F_2", delete "7574".
(1956) p. 1248, column 2 : under "Shock waves" delete entry "dissociation energy det. of F_2 7574".

Abstr. 5683 (1956) line 6 : for "4808" read "4802".
Abstr. 8686 (1956) line 8 : for "Zns(Cu)" read "ZnS(Cu)".

July, 1957, p. 605 : abstract numbered 6494 should be "6594".
Abstr. 19 (1957) line 2 : add "III. REALIZATION OF THE [AERIAL] SYSTEMS."
Abstr. 166 (1957) line 3 : for "E.E.Guggenheim" read "E.A.Guggenheim".
Abstr. 514 (1957) line 14 : for "(about 450)" read "(about 4500)".
Abstr. 515 (1957) line 9 : for "six" read "sixty".
Abstr. 703 (1957) line 5 : for "A.P.Shabudin" read "A.F.Shabudin".
Abstr. 738 (1957) line 3 : for "Rep. No. R/M18" read "Mem. No. R/M18".
Abstr. 770 (1957) line 23 : for "M.A.Guinier" read "A.Guinier".
Abstr. 805 (1957) line 2 : for "RESIN" read "RUBBER"
for "GREASE" read LUBRICANT".
line 5 : for "resin" read "rubber".
Abstr. 807 (1957) line 2 : for "RESIN" read "RUBBER".
line 4 : for "resin" read "rubber".
Abstr. 873 (1957) line 3 : for "Skertchley" read "Skertchly".
Abstr. 994 (1957) line 4 : for "Vol. 40" read "Vol. 46"
Abstr. 1062 (1957) line 3 : for "(1956)" read "(1955)".
Abstr. 1157 (1957) line 3 : for "F.Pujolle" read "J.Pujolle".
Abstr. 1207 (1957) line 4 : for "Ya.S.Babovich" read "Ya.S.Bobovich".
Abstr. 1537 (1957) line 3 : for "V.A.Yampol'skiĭ" read "P.A.Yampol'skiĭ".
Abstr. 2066 (1957) line 4 : for "R.E.Schrader" read "R.E.Shrader".
Abstr. 2079 (1957) line 8 : for "plane" read "plate".
Abstr. 2224 (1957) line 2 : for "Elpat'ebskaya" read "Elpat'evskaya".
Abstr. 2290 (1957) insert journal reference: "Zh. éksper. teor. Fiz., Vol. 31, No. 3(9), 439-48 (1956). In Russian."
Abstr. 2340 (1957) last line : this should read "a maximum of 0.5% at 2000 V for carbon and of 2.5% at 1000 volts for iron".
Abstr. 2354 (1957) lines 5 and 9 : for "oloud length" read "chord length".
Abstr. 2395 (1957) line 14 : for "e^H" read "$|e|H$".
Abstr. 2444 (1957) line 2 : for "L.I.Deryugin" read "L.N.Deryugin".
Abstr. 2683 (1957) line 2 : for "L.M.Ledermann" read "L.M.Lederman".
Abstr. 2832 (1957) line 2 : for "J.Alder" read "B.J.Alder".
Abstr. 2855 (1957) line 10 : this should read "$T = 0.773 + 0.750d + 0.463d^2 - 0.1148d^3 + 0.007\,08d^4$".
Abstr. 3047 (1957) line 6 : for "Narvier-Stokes" read "Navier-Stokes".
Abstr. 3374 (1957) line 3 : for "No. 1" read "No. 2".
Abstr. 3377 (1957) line 3 : for "R.M.Chaudri" read "R.M.Chaudhri".

Abstr. 3687 (1957) line 1 : for "BULDUP" read "BUILDUP".
Abstr. 3948 (1957) line 3 : for "Swedish" read "Russian".
Abstr. 4066 (1957) line 2 : for "I.Liebermann" read "L.Liebermann".
Abstr. 4086 (1957) line 17 : for "1051" read "1951".
Abstr. 4227 (1957) line 3 : for "C.F.Alfrey" read "G.F.Alfrey".
Abstr. 4393 (1957) line 6 : for "past" read "part".
Abstr. 4398 (1957) line 14 : for "temperature" read "distribution".
Abstr. 4751 (1957) line 7 : for "the folded in" read "then folded in".
Abstr. 4858 (1957) line 2 : for "P.I.Garber" read "R.I.Garber".
Abstr. 4906 (1957) line 10 : for "Hg Te" read "HgTe".
Abstr. 4908 (1957) line 5 : for "Ch_3I" read "CH_3I".
Abstr. 4924 (1957) line 19 : for "post-tetatnic" read "post-tetanic".
Abstr. 5260 (1957) line 6 : for "valves" read "values".
Abstr. 5270 (1957) line 3 : for "S.Jaffray" read "J.Jaffray".
Abstr. 5347 (1957) line 3 : for "C.Guillard" read "C.Guillaud".
Abstr. 5420 (1957) line 2 : for "I.Friedman" read "L.Friedman".
Abstr. 5489 (1957) line 8 : for "ration" read "ratio".
Abstr. 5718 (1957) line 2 : for "É.A.Arnshtein" read "É.A.Arinshtein".
Abstr. 5788 (1957) line 1 : insert "I. THE SOLUTION WHEN THE RESTORING FORCE IS EXPRESSED AS $F = -\psi^p$."
Abstr. 5885 (1957) line 6 : for "multiplier" read "multiplied".
Abstr. 5975 (1957) line 2 : for "Korostileva" read "Korostȳleva".
Abstr. 5977 (1957) line 2 : for "M.H.Oganov" read "M.N.Oganov"
for "Y.P.Sobolev" read "Yu.P.Sobolev".
Abstr. 6408 (1957) line 12 : for "Mc/s" read "kc/s".
Abstr. 6495 (1957) line 6 : for "y-background" read "γ-background".
Abstr. 6614 (1957) line 12 : for "Abstr. 5851" read "Abstr. 5651".
Abstr. 6666 (1957) line 12 : for "HN_3*" read "NH_3*".
line 13 : the equation should read "$NH_2 + H \rightarrow NH_3*$".
Abstr. 6797 (1957) line 3 : for "C. von Békésy" read "G. von Békésy".
Abstr. 7138 (1957) line 13 : for "nitrogen" read "oxygen".
Abstr. 7232 (1957) line 4 : for "1051" read "1951".
Abstr. 8165 (1957) line 4 : for "NEUTRAL" read "NEUTRON".
Abstr. 8303 (1957) line 3 : for "B.K.Vaĭnsteĭn" read "B.K.Vaĭnshteĭn".
Abstr. 8378 (1957) line 7 : for "$M = M_0$" read "$M = \mathcal{M}M_0$"
Abstr. 8443 (1957) line 2 : for "B.N.Grechushnikov" read "B.I.Grechushinikov"
Abstr. 8684 (1957) line 3 : for "235-45" read "234-44".
Abstr. 9254 (1957) line 7 : for "($\overline{Z} > 5$)" read "($Z > 5$)".
Abstr. 9342 (1957) line 8 : for "curves" read "curve".
Abstr. 9378 (1957) line 7 : insert "multiply-charged" before "products"

Subject Index (1957) p. 1077, column 2: the sub-heading "electron states" should be placed at the top of the column.

English Letters	Languages	Cyrillic Letters	English Letters	Languages	Cyrillic Letters
a	R S B	А а	p	R S B	П п
b	R S B	Б б	r	R S B	Р р
ch	R S B	Ч ч	s	R S B	С с
d	R S B	Д д	sh	R S B	Ш ш
e	R S B	Е е	shch	R	Щ щ
ë	R	Ё ё	sht	B	Щ щ
é	R	Э э	t	R S B	Т т
ê	R B	Ѣ ѣ	t'	R B	ТЬ ть
f	R S B	Ф ф	t'	S	Ћ ћ
g	R S B	Г г	th	R	Ѳ ѳ
i	R S B	И и	ts	R S B	Ц ц
ī	R	І і	t-s	R S B	ТС тс
ĭ	R B	Й й	u	R S B	У у
j	S	Џ џ	ŭ	B	Ъ ъ
j'	S	Ђ ђ	ū	B	Ѫ ѫ
k	R S B	К к	v	R S B	В в
kh	R S B	Х х	y	S	Ј ј
l	R S B	Л л	ȳ	R	Ы ы
l'	R B	ЛЬ ль	y̆	R	Ѵ ѵ
l'	S	Љ љ	ya	R B	Я я
m	R S B	М м	yu	R B	Ю ю
n	R S B	Н н	z	R S B	З з
n'	R B	НЬ нь	zh	R S B	Ж ж
n'	S	Њ њ	ʻ	R	Ъ ъ
o	R S B	О о	'	R B	Ь ь

The use of l', n' and t' in Russian and Bulgarian (where they are not transliterations of a single letter, but merely l, n or t followed by the soft sign) is included to emphasize the fact that they are used for single letters only in Serbian.

Shch and sht invariably represent the letter Щ in Russian and Bulgarian respectively, since the pairs of letters (ШЧ in Russian and ШТ in Bulgarian) seem never to occur consecutively in the respective languages.

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Elect. Engr Merch.
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The headings are arranged in alphabetical order, which admittedly separates related subjects in an arbitrary manner. However, a list of all the headings employed, grouped into sections by subject on the same basis as the arrangement used in the monthly issues of Science Abstracts, is given at the end of the Index, and the reader is recommended to inspect this list before commencing a search, so that all the headings appropriate to his subject may be noted. In addition to this list, numerous cross-references are provided to direct attention to relevant headings. All the headings in current use are printed in the Index, even if there are no abstracts to be recorded under some of them in the present volume; these headings are followed by the announcement "No entries this year". This has been done to maintain the continuity of the Index from year to year; except for the removal of obsolete headings for which there is no longer any need, and the introduction of new headings as the development of the subject demands, the same collection of headings is used each year.

The subdivisions of the main headings are indented and commence with a small letter. In addition, minor groupings of entries have been made by further indentation, under an introductory entry whose first phrase is intended to be repeated before each of the following indented entries. These phrases, however, should not be regarded as true "headings" in the sense of containing under them references to all the information available on their particular subject; further references may be given elsewhere in the same column under a different phrase.

As in previous years, names of substances have been included as headings in the Subject Index, instead of being formed into a separate Substance Index; under these headings, as well as under the appropriate "subject" headings, are listed any abstracts which contain significant physical information about the named substance, except information of the type which can be found under the following headings:

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Entries under these headings are themselves arranged in alphabetical order of substance (or nuclide) names, and no additional entries are made under the substance names.

A further condensation to simplify consultation of the Index is the grouping of compounds of the elements under single headings, e.g. "Sodium compounds", and similarly with "Organic compounds" and "Alloys". There are a few special cases (e.g. "Water", "Quartz") which are indicated by cross-references and included in the List of Headings at the end of the Index.

Suggestions for the extension and improvement of the Index will be welcomed by the Editor.

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- Alloys
- Rare earth metals
- Rare earth compounds
- Inert gases

See also the introduction at the beginning of the Subject Index.

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